

Suh⁵
D!

- 1) DNA sequence of the htfIIIA gene coding for a protein having the biological function of human transcription factor hTFIIIA.
- 2) DNA sequence of the htfIIIA gene of the human transcription factor hTFIIIA according to claim 1, coding for the amino acid sequence SEQ ID N°2.
- 3) DNA sequence of the htfIIIA gene according to claim 1 or 2 containing the nucleotide sequence SEQ ID N°3
- 4) DNA sequence of the htfIIIA gene according to claims 1 to 3 containing the nucleotide sequence SEQ ID N°4.
- 5) DNA sequence according to claim 4 having the sequence beginning at nucleotide 176 and finishing at the nucleotide 1270 of SEQ ID N°3.
- 6) DNA sequence coding for the human transcription factor hTFIIIA according to claims 1 to 5 as well as the DNA sequences which hybridize with it and/or show a significant homology with this sequence or fragments of it and which code for a protein with the same function.
- 7) DNA sequence according to claims 1 to 6 comprising modifications introduced by suppression, insertion and/or substitution of at least one nucleotide coding for a protein with the same biological activity as human transcription factor hTFIIIA.
- 8) DNA sequence according to one of claims 1 to 7 as well as similar DNA sequences which have nucleotide sequence homology of at least 50 % or at least 60 % and preferably at least 70 % with the said DNA sequence.
- 9) DNA sequence according to one of claims 1 to 8 as well as similar DNA sequences which code for a protein, the AA sequence of which has a homology of at least 40 % and in particular 45 % or at least 50 %, rather at least 60 % and preferably at least 70 % with the AA sequence coded by the said DNA sequence.
- 10) Polypeptide having the function of human transcription factor hTFIIIA and with the amino acid sequence SEQ ID N°2 coded by the DNA sequence according to one of claims 1 to 9 and the analogues of this polypeptide.

- 100-443887-100

add \rightarrow